

Docket ET 04-186

TV Broadcast Bands and Additional Spectrum for Unlicensed Devices below 900 MHZ  
in the 3 GHZ band Docket 02-380 proceeding 04-186

Comment by  
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President of Airwaves Inc  
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1. The Value of Telemundo Network and Salt Lake City Signal to Broadcast in Utah, and cable systems in Utah, Nevada, Idaho, Montana and Wyoming to Spanish speaking people in rural locations outweighs the convenience of Garage Door Openers, etc. as proposed to be permitted by this Docket.

KULU-LP receives it's signal from channel 50, KEJT in Salt Lake City. The signal is so weak that it takes a 16 db gain Paraflector antenna, plus a filter for channel 50 only, and a professional RF signal booster turned full up, to get a picture. The signal is good, almost as good as the original signal, but it is fragile.

KULU-LP's broadcast is the only Spanish Language broadcast in Summit County and it relays the Telemundo Network programming and Salt Lake Local and Regional programming by fiber-optic cable to systems throughout Summit county and to Evanston, Star Valley, and Teton County (Jackson Hole) Wyoming, and to Burley, Idaho and other cable systems in Utah, Idaho, Wyoming, Montana, and Nevada.

It is critical, therefore that this signal is a clean off-the-air picture and sound.

The signal is very fragile, and cannot withstand any on-frequency interference.

2. Sales people want to make a sale, they do not pretend to be electronic engineers. Even sales people selling electronics do not know that Digital Signals in Salt Lake Do not appear to be on the air, but they are. Consumer electronic sales people do not know that these stations operate. Sales people interviewed are only interested in selling the product. If they sell DTV sets and do not know the DTV signal is there, how are they going to know about protecting any signal? Now they sell a DTV big screen saying that you need to subscribe to cable or Direct TV to get a signal.

3. Human nature is such that if someone buys an item, it's ok. They are not going to worry about interference to the neighbor's TV.

4. Over 50% of Ogden gets it's signal over the air, from an antenna. These units will cause problems as outlined above.

5. Big sales stores may transfer merchandise from one store to another and one state to another. So there is not way to protect broadcast stations.

6. UNLICENSED BROADCASTERS NEED TO MOVE TO A SMALLER BAND THAN BROADCAST. ADDITIONAL SPACE IN THE UPPER TELEPHONE BAND WORKS GREAT, AND SHOULD BE INCREASED THERE FOR LESS INTERFERENCE AND SMALLER ANTENNAS.